Docket No. 217 - Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: June 7, 2006

Inspector: Diana Walden

Location: 345kV Underground Route

Storm/

Rain Event: Between 1.52-2.23" of rain was recorded over 6/1-6/3 and 1.5" of rain was recorded

on 6/7 as reported by NOAA and depending on location.

Areas of Inspection	Observation	Recommended Action	Corrective Action		
Vault Openings and Trench Construction	- Several areas of bare soil were present along Rt. 7 but other construction projects are also ongoing. 2/2-6/7/06	- Continue providing good "house- keeping" along the roadways. Full restoration will be required when work is	- Restoration is occurring and needs to continue.		
	- Disturbed soil and stock- piles remain at School Rd at the HDD site. 5/10-6/7/06 The area will be graded and restored in the next week. 6/7/06	- Final restoration will be occurring soon. See additional sections for more details. 4/12-6/7/06	-Attention is still needed soon- especially sediment issues		
	- Equipment and work remains near the exit point of the bore and Old Danbury Rd 5/31-6/7/06	- See erosion control section for more details. 6/7/06	-N/A		
	- Vaults were being accessed along Umpawaug Rd. in order to proof them and pull cable. 5/17-6/7/06	- See other sections for more details. 6/7/06	- N/A		
	-A number of vaults continue to be accessed along other portions of the route for internal work as well. 4/12-6/7/06	- None at this time. Include these areas as part of the restoration efforts. 4/12-6/7/06	-N/A		
	- Active work continues adjacent to the access drive of Norwalk Junction and	- See other sections for recommendations 6/7/06	- Needs attention.		

Areas of Inspection	Observation	Recommended Action	Corrective Action		
	along Rt 7, including up past the turn. Several areas of stockpiles were resulting. 5/31-6/7/06	Make sure the catch basins along Rt 7 here are being controlled. 6/7/06			
Erosion and Sediment (E&S) Controls	- Recent rains disturbed the straw and seed that had been placed at the high school J&B. 4/26-6/7/06 Grass continues to grow but it's still patchy. 5/25-6/7/06	- Further restoration is needed here. Additional topsoil is probably needed. 4/19-6/7/06	- Still needs attention		
Route 7	- The adjacent area moving north towards Allen's Meadow should be restored as the soil surface has remained bare for some time. 6/7/06	-A portion of this area will be seeded and mulched but the other area still requires access. 6/7/06	-Needs attention		
	- At the HDD, controls continue to degrade and turbid water continues to pass under all the silt fence barriers. 5/17-6/7/06 Haybales were installed in an attempt to filter run-off. 6/7/06	- Final restoration will occur in the next week as the basin will be graded and controls will be replaced. Perimeter area will be allowed to revegetate with wetland species. 6/7/06	-Still needs attention, sooner than later		
	-Sediment accumulation has worsened in the wetland to the east of the basin as more turbid water moves under the silt fence. 2/16-6/7/06	-The accumulated sediment (over 6" in some areas) will need to be removed by hand to the extent feasible while attempting to avoid existing wetland	-Still needs attention ASAP Haybales were installed but aren't enough		
	- Even though effort was made to remove sediment from beyond the basin, the washouts to the east, reintroduced silt in some of the channels. 5/25-6/7/06	- Make additional efforts to remove sediment here in the channels due to the new accumulation 5/25-6/7/06	- Needs attention		
	- The basin area will become a parking area for the school. 6/7/06 - Controls are in good shape along the disturbed slopes	- Be sure to remove all asphalt rubble and regrade to appropriate soil layers before revegetating 6/7/06 - The slopes along the constructed swale will be	- Needs attention -NA.		
	adjacent to Old Danbury	stabilized with erosion			

Areas of Inspection	Observation	Recommended Action	Corrective Action		
	Rd. 6/7/06	control mats when work is complete. 5/10-6/7/06			
Erosion and Sediment (E&S) Controls	- The backfilled vault at Wilton Corp Park appears to have been graded and partially seeded but other areas remain bare 6/7/06	-The remainder of the disturbed area needs temporary stabilization until access needs are complete. 5/31-6/7/06	-Needs attention within guidelines		
Route 7 continued	- Landowner activities near the storage area near #848 (Rt.7) are also directly affecting wetlands, including placing sediment on the banks of the swales. 3/15-6/7/06	-The sediment placement and landowner activities are outside of project jurisdiction. 4/6-6/7/06	-N/A		
	- Ruts from equipment access had been noted in the island at the Rt. 107 & 7 intersection leading to sedimentation near an inlet. 2/2-6/7/06	- Protect catch basins and restore the island if access is complete or stabilize temporarily within guidelines. 4/6-6/7/06	-Needs attention		
Rt. 107	- At the Georgetown Deli J&B, the new erosion control mats are in place over the bank and the washout at the base. 6/7/06	-Due to the sandy soils, EC mats are installed here to promote stabilization. Continue to monitor 5/31- 6/7/06	- EC mats were installed		
	- The stream slope to the north of the Deli has the boulders installed for stabilization. 6/7/06	- Continue to monitor. 6/7/06	- EC mats and boulders were in place		
	- More hay and seed were added on the streambank to the south as well and a piece of EC mat was installed above the culvert. 5/31-6/7/06	-Continue to monitor for stabilization. 6/7/06	- EC mats and additional mulch were placed.		
Umpawaug Rd. And Diamond Hill Rd.	- Vault access continues along Umpawaug Rd. Haybales were in place near #79 Umpawaug. 5/31- 6/7/06	-These areas will need to be restored when access needs are complete even though adjacent areas are restored well. 6/7/06	- Needs attention when access is done		
Norwalk Junction	- Asphalt debris was left in a few piles at this location	- Make sure to pick up the piles when work is done	- N/A until work is complete in the		

Areas of Inspection	Observation	servation Recommended Action	
	while work is ongoing. 5/25-6/7/06	in this area- provide good housekeeping. 5/25-6/7/06	area
	-Disturbed soil and small stockpiles are present adjacent to the swale so erosion controls should be in place. 5/31-6/7/06	- Controls should be added along the swale as long as stockpiles are here. 5/31-6/7/06	-Needs attention
Adjacent Wetlands and Waterways	-The wetland channels beyond the basin will need to be cleared of sediment by hand again due to the recent rains. 5/25-6/7/06	-Continue to make these efforts once the flow is lower and sediment can be removed. 5/25-6/7/06	- Still needs attention
	- Wetlands directly to the east of the basin continue to have worsening sediment accumulation over 6" that will require removal. 1/19-6/7/06	- Sediment buildup should be removed carefully by hand to the extent feasible. 3/9-6/7/06 This should be done in the near future. 6/7/06	-Still needs attention ASAP
	-The soil surface of the HDD yard is still highly disturbed and some areas of wetland are within the silt fence work limits. 4/12-6/7/06 -New erosion controls will also be installed at the edge of the proposed parking area. 6/7/06	- Restoration will consist of grading the basin, installing topsoil and hyroseeding. Portions along the perimeter will be returned to wetland vegetation while the remainder will be used for school parking. 5/31-6/7/06	-Restoration will be occurring within the next week
	- Stream bank stabilization efforts are complete around the Georgetown Deli. 6/7/06	- See EC sections for details. 6/7/06	- All efforts were complete
Staging, Storage, and Parking Areas	- The equipment storage yard on the property south of the Rt. 7 &107 intersection was mostly contained. 1/26-6/7/06 - Disturbance is mostly due to landowner activities. 3/15-6/7/06	- In general, materials should be placed appropriately in storage areas or immediately adjacent to work each night. No potentially spillable materials should be left behind. Equipment should not be placed near resource areas. 3/9-6/7/06 - Even though this is an	-N/A at this time - Still needs
	- Debris was being piled here as well. 5/4-6/7/06	active site, provide good housekeeping and remove debris when feasible. 5/4-	attention

Areas of Inspection	Observation	Recommended Action	Corrective Action	
	- The small storage area along Rt 7 across from Old Highway Rd is still in use 6/7/06	6/7/06 - The area is fairly well contained. Continue good housekeeping here. 5/4-6/7/06	-N/A	
	- The racquet club storage yard has a pile of sandbags stored here. Stormwater was noted running to the swale on site. 6/7/06	- Install haybales at the culvert within the swale in an attempt to filter runoff. 2/2-6/7/06	- Needs attention	
	- Additional blocks and piles of asphalt were also noted at the HDD and should be cleaned up. 5/4-6/7/06	- The asphalt spoil from each night is placed here but is supposed to be removed shortly. Remember to remove all asphalt upon restoration of the area. 4/26-6/7/06	-Restoration should occur sooner than later if feasible	
Soils	- Most soils on roadways on the project route are being trucked to a waste facility in Danbury for storage and eventual disposal. Soils off roadway can be returned to the trench.	- Soils appear to be handled appropriately. 6/7/06 - Continue to make sure stockpiles are backfilled to the trench by the end of each day. 2/2-6/7/06	N/A at this time	
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A	-N/A	
Vegetative clearing limits (including trees to save or danger trees noted)	-A number of bare soil areas remain along Rt 7 where restoration efforts should continue. 3/29- 6/7/06	-Other utility projects are ongoing as well making it difficult to coordinate efforts. 3/29-6/7/06.	Restoration efforts were noted. Continue to provide.	
	- A portion of the bare soil towards Allen Meadow's Park should be restored with mulch and seed. 6/7/06 - The area at the Wilton	- Attend to this as soon as possible as this area has been inactive for awhile. Consider temp. stabilization in areas that still need access. 6/7/06 -Vault access will be	- Needs attention -Needs attention	
	Corp Park vault could use temporary restoration 5/31-6/7/06 -Restoration efforts are	necessary but stabilize the area temporarily within D&M guidelines. 5/31-6/7/06 -Continue to restore	when feasible -Needs attention in	
	largely complete along	where necessary after	vault areas	

Areas of Inspection	Observation	Recommended Action	Corrective Action		
	Umpawaug Rd. 5/10-6/7/06	vault access. Grass is starting to grow in many areas. 5/10-6/7/06			
	-It may be difficult to promote vegetative growth at the HDD, and Wilton HS due to the sandy soil surface following excavation. 4/26-6/7/06	-Areas should be placed either with topsoil for full stabilization. 5/17-6/7/06	- Still needs attention		
Dewatering	- Some dewatering was noted on Umpawaug Rd. for vault access. 5/25- 6/7/06	- See erosion control section. 6/7/06	- N/A		
Blasting	- No blasting is occurring on site at this time.	- None at this time.	N/A		
Spills and Material Storage	- In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 6/7/06	 The contractors should remain vigilant about securing and handling fuel containers. Continue to keep all vehicles maintained well (i.e. no apparent fluid 	-N/A		
	- Additional concrete washouts were not noted at the HDD site but continue to monitor as a containment area was not noted either. 6/7/06	leaks) if they will be used or stored on site Check equipment status on a regular basis and keep spill kits on hand Report spills immediately, even if they are being controlledContinue to monitor. 6/7/06	- NA at this time		
Additional Observations					

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inspe	ction:					

Wednesday June 14, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its

attachments may be punishable as a criminal	offense in	accordance	with S	Section 2	22a-6 unde	r Section	ı 53a-
157 of the Connecticut General Statutes.							





345kV (Norwalk Junction and Rt 7) Photo on the left shows some of the leftover stockpiles from work near the NJ access drive. Place controls here due to the proximity of the swale. Photo on the right shows the work near Old Danbury Rd with appropriate controls in place. 6/7/06





(HDD): Photo on the left shows the channel area beyond basin at the HDD. Due to the rain, there may be more sediment buildup that has to be removed. Photo on the right shows the basin with old haybales in place. 6/7/06





Photo on the left shows the area along the east of the basin that will be lightly graded and allowed to revegetate with wetland species. Photo on the right shows where haybales were placed in an attempt to filter some of the run-off. This area will be restored soon. 6/7/06





Photo on the left shows the area where the run-off is channeling and entering the wetland area. This area will also be restored. (Rt 7- Allen's Meadow Park) Photo on the right shows the area north of the Wilton High School J&B that still needs restoration. 6/7/06





(Georgetown Deli) Photo on the left shows where the boulders were installed in the bank in an attempt to stabilize. Photo on the right shows where the erosion control blanket was completely installed along the bank that had been eroding. 6/7/06





Photo on the left shows the new erosion control mat installed along the J&B slope. This also covers the area of bank that slumped at the stream edge. Photo on the right shows the bank to the south of the stream that has additional mulch and seed. 6/7/06